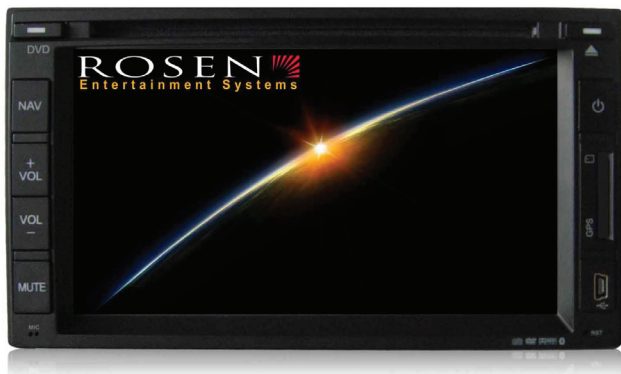


Multimedia Navigation System



- Navigation
- Bluetooth Hands-Free
- Satellite Radio ready
- iPod™ and MP3 compatible
- Play DVDs, Audio CDs, MP3 Discs
- Supports steering wheel controls
- Back-Up Camera and/or sensor ready

NOTICE OF INTENDED USE

Some features of Rosen Entertainment Systems are not intended for viewing by the driver when the vehicle is in motion, such as movie playback. When using navigation, minimize the amount of time spent viewing the screen and use voice prompts as much as possible. Avoid prolonged use of the touch screen controls. Such use might distract the driver or interfere with the driver's safe operation of the vehicle, and thus result in serious injury or death. Such use might also violate state or local laws.

Rosen Entertainment Systems disclaims any liability for any bodily injury or property damage that might result from any improper or unintended use.

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About the Registered Marks

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iPod® is a registered trademark of Apple Computer, Inc.

NOTE: Features and specifications listed in this manual are subject to change without notice.

Basic Functions

Turning The System On/Off

Vehicle ignition must be On or in ACC Mode to operate system.

Press the Power button on the right side of the panel to turn the system ON/OFF.

When the vehicle is turned off, the unit will automatically turn off.



Screen Organization

Your system will automatically default to the last screen you were on prior to turning off the unit.

The Information Bar is located at the top of the screen. Depending on the source, it will provide information or content sensitive controls

 This will take you to the Settings Menu for advanced control settings

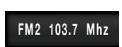
The Source Tabs located at the bottom of the screen will give you direct access to common sources.



Note: "PHONE" is highlighted BLUE when Bluetooth is enabled.

Radio

Touch Button Descriptions

-   Short touch tunes up/down one channel at a time
-   Long touch seeks the previous/next available station
-  Touch to scan and play available stations for several seconds. During scan, the display will change color

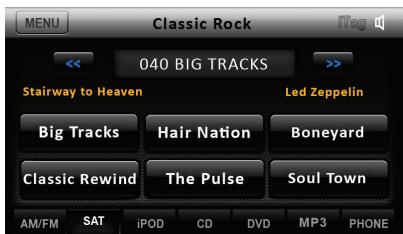


-  Touch to select AM and FM1,2 & 3 preset screens

Satellite Radio (If Equipped)

-   Short touch tunes up/down one channel at a time
-   Long touch tunes channels continuously

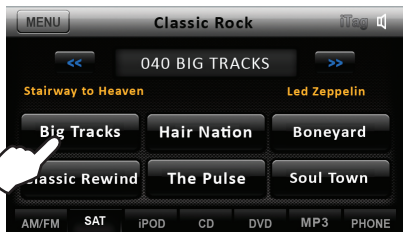
-  Touch to select SAT 1,2 & 3 preset screens



Preset Channels

To set a station as a Preset, press and hold a the button. The name of the channel for SAT Radio or station frequency for AM/FM Radio will appear in the button when saved.

Short touch the desired Preset button to select that channel.



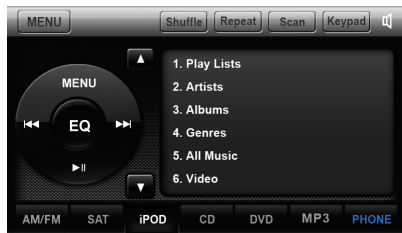
iPod Audio

When the optional iPod interface is connected to a compatible iPod player, the audio files stored on the iPod can be played through the system.

Note: Sleep mode should be enabled on the iPod to reduce battery drain if the iPod is left connected with the vehicle off.

Touch Button Descriptions

- Keypad** Show/hide the key pad
- Repeat** Repeat the current played song
- Scan** Scan and play songs in the current folder. The next song will be played after the current song has played for several seconds
- Shuffle** Play songs in the current folder in random order
- MENU** Touch to enter category list. The system categorizes into 6 options
- EQ** Press once to display song information.
Press twice to display spectrum graphics



Play A Song

Touch the song shown on playlist to play.

- ⏮** Select previous song
- ⏭** Select next song
- ⏮** Page up
- ⏭** Page down
- ⏮** Play/Pause



CD/DVD

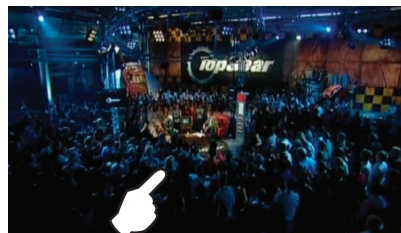
CD/DVD

-  Play/Pause track
-  Stop track
-  Play previous song/chapter
-  Play next song/chapter
-  Repeat current song played



CD Only

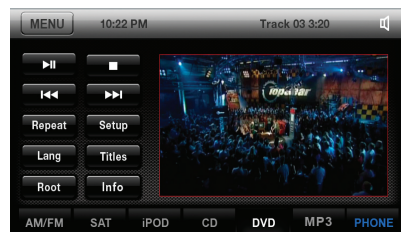
-  Change audio EQ setting
-  Change spectrum display
-  Play songs on disc in random order
-  Scan songs for several seconds
-  Copy song to Favorites folder



DVD Only

Long Touch in DVD mode to show the DVD control screen. To return to full screen, either touch the image or let the screen idle for 10 seconds

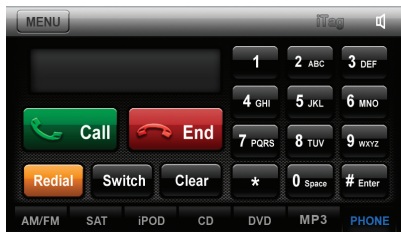
-  Set up DVD
-  Change language
-  Show current title info
-  Main DVD menu
-  Shows information such as Chapter, Time Elapsed, etc



Bluetooth Hands-Free

Note: This system requires a Bluetooth enabled phone. Bluetooth phones and software vary by brand and date of manufacture. Some phones or phone functions may not be compatible or may operate differently with this system during use. Phone compatibility problems are not warrantable issues.

There are several different Bluetooth screens in the PHONE function. The first screen you will see is the Call Screen. To switch between screens, press the PHONE tab repeatedly.



Pairing Your Phone

Place your phone into discovery mode.

PHONE Press the PHONE tab to open the Bluetooth set-up page

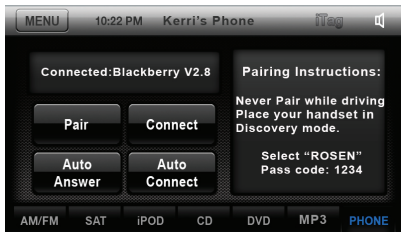
Pair Press "Pair" to pair your cell phone for the first time. You will only need to do this once, unless you connect to a different cell phone or the connection is deleted



"Pairing" will be displayed on the screen. After the connection succeeds on your phone, select "Rosen" and enter the password (1234). The system will indicate "Linking" and then "Connected." When your phone is connected its name will be displayed on the unit.

Auto Connect Select Auto Connect If you desire the system's Bluetooth feature to automatically detect your cell phone when the system is turned on

Auto Answer Select Auto Answer to set the system to automatically pick up after three rings



Making/Ending A Call

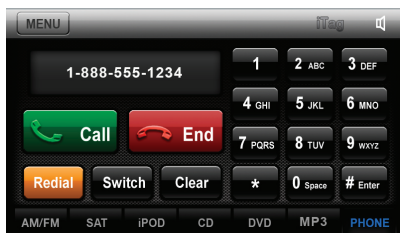
Call You can dial the number from your phone or use the touch-screen shown at the right by entering the number, then press the Call button

Clear Clear last number

Redial Press to redial the last number dialed with the touch screen

Switch Press to transfer call between cell phone and car speakers

End Press to end the call



Answer An Incoming Call

Answer For incoming calls, the system will automatically switch to the answer screen. Press to answer

End Press the icon to refuse or end the call

Switch Press to transfer call between cell phone and car speakers

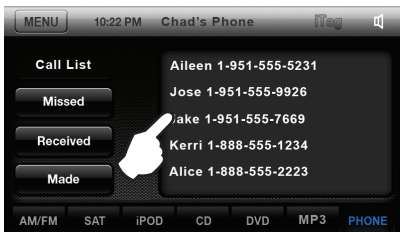


Note: While in Navigation mode the incoming call box will disappear. Touch the screen to show the incoming call box.

Call List

The call list can be used to view missed, received and made calls.

The system will not display your cell phone's internal phonebook but will show the last numbers missed, received or made. Press the appropriate button on the screen to view the numbers. To make a call from the list, touch the number on the screen and it will automatically dial the number.



Note: If unit is equipped with the Phonebook option, this will display instead of "Call List".

Settings



Press to enter the Settings Menu. To change system settings, select desired option

System Settings



The time displayed on all screens



Turn the backup camera on/off



Allows the Nav screen to display for a short time when directions are given



Button beep on/off



Spectrum on/off



Display the microphone level. Press to switch between "Low, Med, High"



Guidepoint On/Off

Audio Settings

The AUDIO screen will allow you to adjust audio settings such as Treble, Mid Range, Bass and 5.1 Channel.



Press to reset back to original audio settings

Display Settings

Change the brightness, color and contrast of the display.



Press to increase the value



Press to decrease the value



Press to reset back to original display settings

Settings Menu Screen



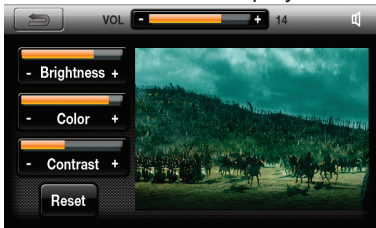
Settings Screen



Audio Screen



Display Screen



Steering Wheel Controls

Steering Wheel Control Setup

Your system is equipped with a capability to interface with most factory Steering Wheel Controls.

To program your vehicles Steering Wheel Controls, follow the steps below.

Note: Some vehicles use a data bus system, which is not compatible. If you do not see the “Choose Function” response, it’s because the system is not compatible.



Setup Instructions

- 1) Ensure the vehicle is RUNNING, not on ACC
- 2) Press the MENU button, then the CONTROLS Button
- 3) Press the TRAIN Button, the system will respond with “Press Any SW Button”
- 4) Press ANY button on the Steering Wheel to read the vehicle voltage level
- 5) Then, follow the on screen directions to program the buttons
 - a. Select a Function on the Touch Screen
 - b. Press the SAME Button on the Steering Wheel
- 6) Repeat step 5 for all buttons you wish to program
- 7) Press Done when you are finished



**** Each steering wheel button can only be programmed for one function***

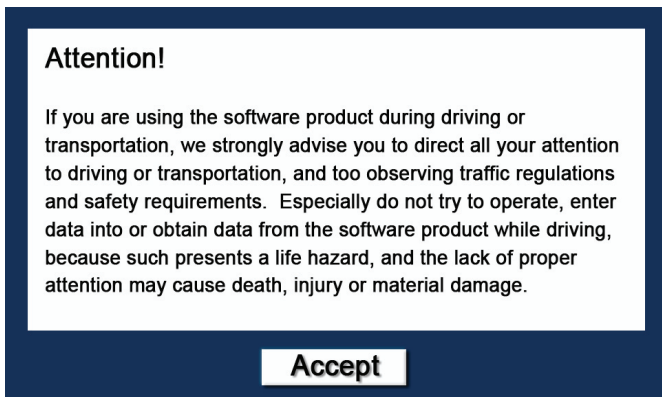
Before operating your Rosen Navigation system, please carefully read and follow the instructions provided in the “Safety Information and Precautions” located on the back cover of this Quick Start Guide.

Start Up/Main Menu

When the Rosen Navigation software starts, you will see the reminder warning to use your Rosen Navigation software safely and lawfully.

You must **Accept** these conditions to continue.

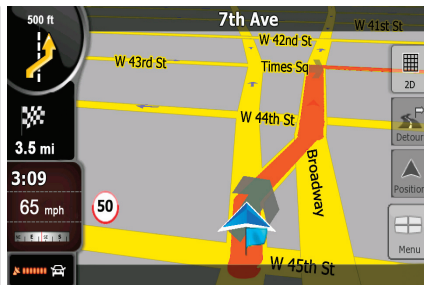
Please refer to the User's Manual for additional information and warning on the proper use of the Rosen Navigation product.



The Attention screen is displayed each time the system is turned ON as a reminder to make use of the navigational aids in a safe manner.

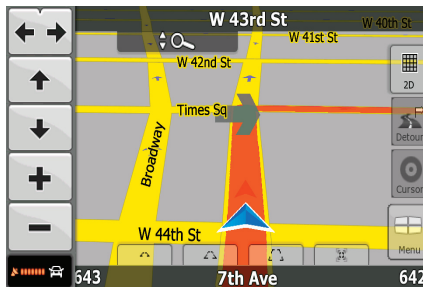
Map View Screens

Button	Function
	Indicates distance to and direction of next turn
7th Ave	(Top of screen) Next turn street or HWY
	Compass, Current direction
	GPS strength and quick menu option
	Indicates posted speed if enabled



To adjust viewing position, short touch anywhere on the screen and the following will appear:

Button	Select this Option to...
	Zoom the map view in and out
	Tilt up/down adjustment for 3D view
	Switch map display between 2D & 3D views
	Display menu, jump to Navigation Menu
	2D/3D Preset view options
	Return to current GPS position



Navigation Menu

Menu Option	Select this Option to...
Find 	Pick a destination for routing
Manage 	Organize or select saved routes or POI
Route 	Edit or cancel a route in progress
Settings 	Set preferences for navigation and more



Settings (Screen 1)

Menu Option	Select this Option to...
Map Screen 	Tune appearance of the map screen such as 3D settings and color profiles
Route Planning 	Route Settings such as route calculation method and road types
Navigation 	Settings for road position off track recalculation, etc.
Regional 	Settings for language, voice, time, etc.



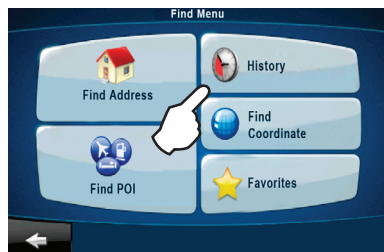
Settings (Screen 2)

Menu Option	Select this Option to...
Menu 	Modify look & behavior of menu screens
Warnings 	Enable/Disable warnings such as speeding
TMC 	Connection to TMC receiver (Not avail in US)
About 	Information on maps and licenses included



Find Menu

Option	Select this Option to...
Find Address	Enter destination address
Find POI	Search for a POI using address, cursor or GPS position
History	View previous route history
Find Coordinate	Enter specific coordinate
Favorites	List of favorite destinations, POI, etc.



View History Screen

You can view your route history by entering this screen from the "Find Menu". You can also repeat the same route by touching desired selection.



Find Points of Interest Screen

POI Menu Option	Select this Option to...
Around Address	Find POI by state, city and address
Around Cursor	Find POI by a cursor or location you have selected
Around GPS Position	Locate POI by your current satellite location
Around Destination	Find POI around your final destination
Along Route	Find POI along your current route



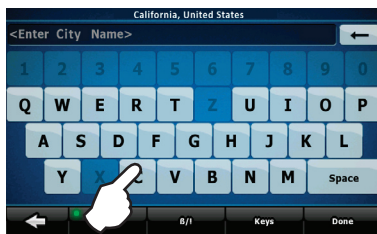
NOTE: Once you have selected your POI Menu Option and entered the requested data, the screen will switch to the POI Category Screen.

Find Address

In this screen you will enter your destination address.



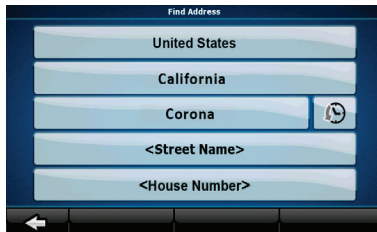
You will complete this section, touching one line at a time. See examples in these 4 steps.
STEP 1: Touch “City Name” and the keyboard screen will appear.



STEP 2: Start typing each letter of the city name.



STEP 3: A “Select City” screen will appear. This will show a list of cities that match your selection. Touch the city you desire.



STEP 4: Repeat steps for street and house number.



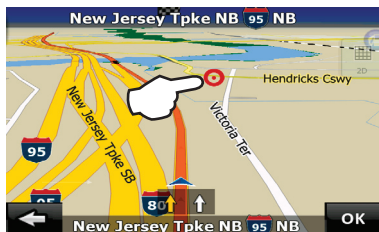
STEP 5: Type in address number and press “Done”. This will automatically bring up the map screen.



STEP 6: Select “Set as Destination” and your route will be displayed.

Find a POI

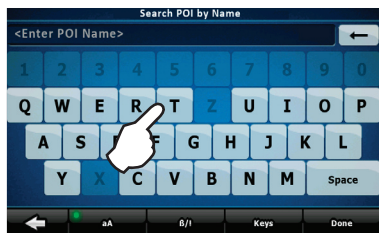
In the following example, we will select “Around Cursor” and show you how to search a POI using a keyword.



STEP 1: Touch anywhere on the screen to place your cursor. Once cursor is in place, press “OK” on the lower right screen.



STEP 2: To search by keyword (business name, etc) touch “Search”.



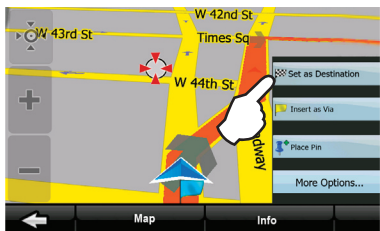
STEP 3: Type in the keyword and when you are finished, touch “Done”.



STEP 4: The screen will display all matching results.



STEP 5: Touch your selection and the screen will display this information window. Press “SELECT” to display on map.



STEP 6: Touch “Set as Destination” to map the route.

Safety Information and Precautions

WARNING! Please read and follow the following safety precautions.
Failure to follow the instructions below may increase
your risk of collision and personal injury.

The Rosen Navigation software is not a substitute for your personal judgment. The route suggestions should never supersede

any local traffic regulation or your personal judgment and /or knowledge of safe driving practices. Prior to completing any maneuvers suggested by your Rosen Navigation software (for example, a U-turn or a left turn), verify that you can legally and safely complete the maneuver. Do not follow route suggestions if they direct you to perform an unsafe or illegal maneuver, would place you in an unsafe situation, or would route you into an area that you consider unsafe.

Do not use the Rosen Navigation software to locate emergency services (such as police, fire stations, hospitals, and clinics). The database may not include all emergency service providers. Use your own best judgment and ask for directions in these situations.

If the vehicle is in motion, only a passenger should program the Rosen Navigation software. The driver should not program the system unless the vehicle is parked in a safe location.

The Rosen Navigation software's map database provides information on suggested routes without regard to factors that may affect your driving experience or the time required to arrive at your destination. For example, the system does not reflect road detours, closures or construction, some road characteristics (e.g., road surface, slope or grade, weight or height restrictions, etc.), temporary traffic congestion, weather conditions, and similar factors.

Vehicle Position

The Rosen Navigation software's computer considers vehicle speed and heading changes, together with longitude and latitude information, to accurately determine vehicle heading and position on a digital map.

Map and Information Database

The map database used by your Rosen Navigation software was created using high-resolution aerial and land based data collection.

Car navigation maps are frequently updated. While the database was judged to be as accurate as possible at the time of its release, a map database can never be 100% accurate. Road information that is maintained in the map databases, such as turn restrictions or road names may change over time.

Errors or missing information in the map data are not covered by the Product Warranty. New and/or updates for the map data are the responsibility of the End-user.

End-User License Agreement

Please refer to the Rosen Navigation User's Manual to review and accept the terms and conditions in the End-User License before operating this product.